



# Climate Science Information Center

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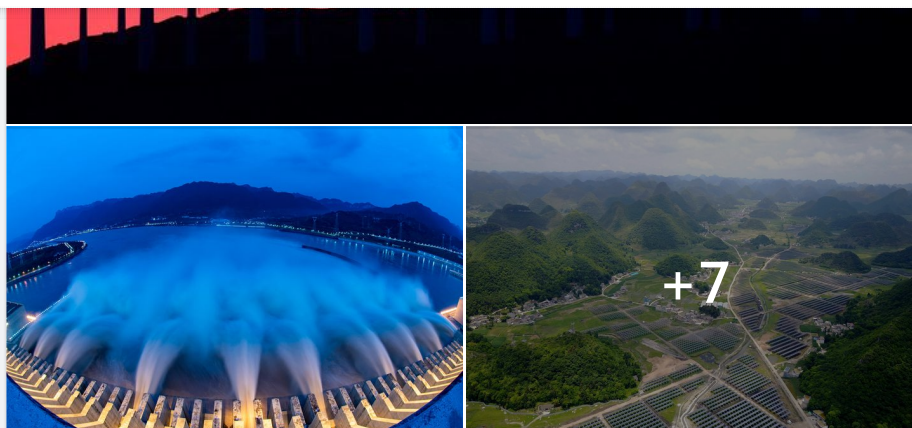
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## In Photos: Green Energy





### Facts About Climate Change (i)

These facts from climate researchers correct common misconceptions about global warming and its impact.



**The cause of climate change is widely agreed upon in the scientific community**



**The cost of renewable energy is dropping rapidly**



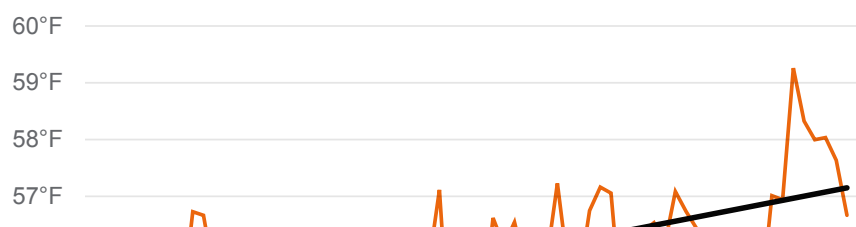
**Overall, polar bear populations are declining because of global warming**

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### Average Temperature by Year (i)

**California** ▾

The average annual temperature in California has increased since 1950.





Source: NOAA  
54°F

### 1.5°C Explained

See why it's important to keep temperature changes below 1.5°C (2.7°F).



Common energy sources, like oil and coal, emit gases that trap heat in the atmosphere.



2019 was the second hottest year on record, 1.1°C above the 20th-century industrial (1850-1900) average.

Source: UNEP

### Climate Change by the Numbers



The temperature over land has risen nearly twice as much as the global average temperature.



Increasing sea level rise, alongside ocean warming and acidification, is projected to exacerbate risks for human communities in low-lying coastal areas.



Already warm water corals are at high risk from global warming and risks will become severe with any further temperature rise.

Source: IPCC

### In the Spotlight

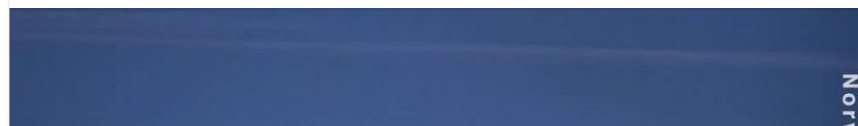


CNN  
January 18 · 🌐



Every morning, this scientist receives a batch of emails from several female polar bears in the Arctic. They're among dozens of bears who have been fitted with a tracking collar to monitor their movements and their responses to climate change:

<https://cnn.it/3iqI2Wd> #CallToEarth







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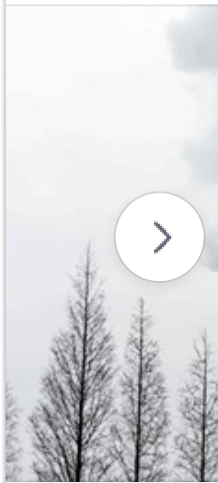
U.S. cities are dramatically underestimating their carbon footprint...



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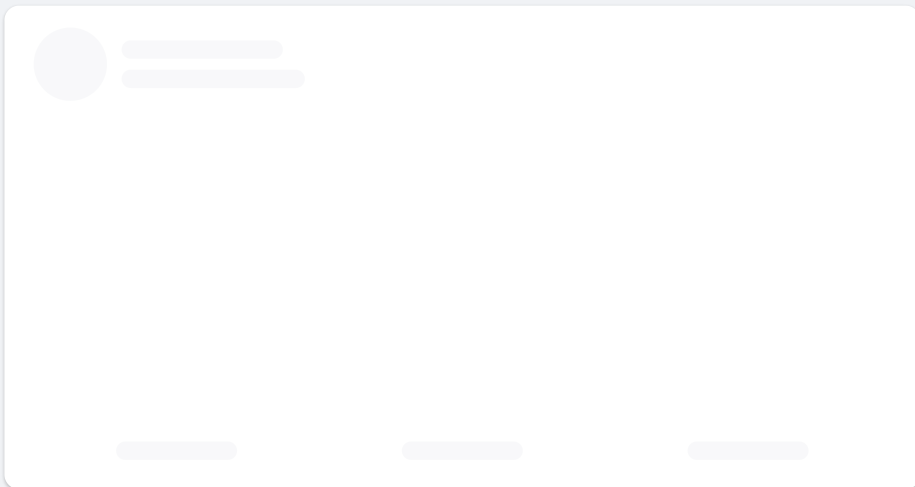
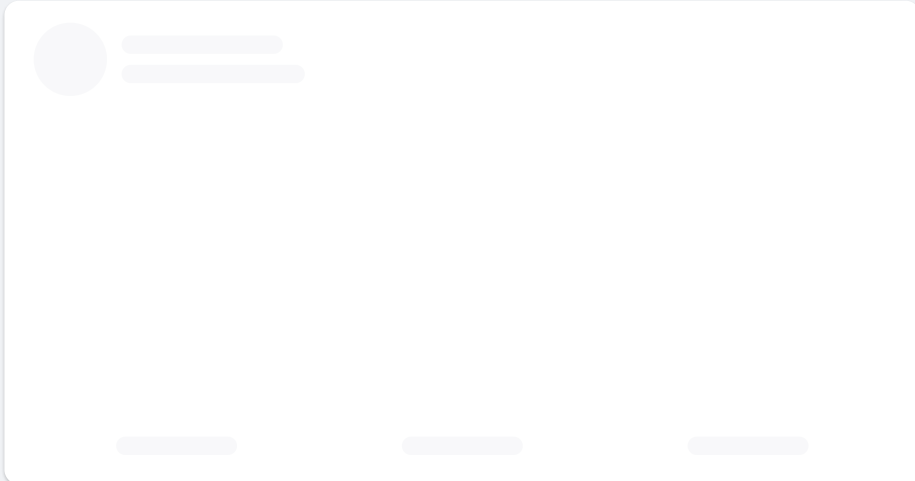
February

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WASHINGTONPO

Countries mu by 80 percent



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